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32nd International Symposium on Lattice Field Theory (Lattice 2014)

Thursday 26 June 2014

Application beyond QCD: Parallel 7C - Pupin 214 (14:15-16:35)

- Conveners: Toussaint, Doug

time	title	presenter
14:15	Beta function of three-dimensional QED	SVETITSKY, Benjamin
14:35	Asymptotic safety on the lattice: the nonlinear O(N) Sigma model	KÖRNER, Daniel
14:55	Hybrid Monte Carlo simulations of Graphene in presence of vacancies	ULYBYSHEV, Maksim
15:15	Monte-Carlo study of the phase transition in the AA-stacked bilayer graphene	NIKOLAEV, Alexander
15:35	Hybrid-Monte-Carlo simulation of the tight-binding model of graphene with partially screened Coulomb interactions	SMITH, Dominik
15:55	Lattice path integrals for relativistic and non-relativistic many-body quantum systems	PAVLOVSKIY, Oleg
16:15	Numerical simulation of graphene in an external magnetic field	VALGUSHEV, Semen

Friday 27 June 2014

Application beyond QCD: Parallel 8G - 142 Uri (14:15-15:55)

- Conveners: Dr. Shintani, Eigo

time	title	presenter
14:15	Solution to new sign problems with Hamiltonian Lattice Fermions	HUFFMAN, Emilie
14:35	Glueball masses in 2+1 dimensional SU(N) gauge theories with twisted b.c.	KOREN, Mateusz
14:55	Spectrum and Observables in Yang-Mills-Higgs Theory	MAAS, Axel
15:15	Spontaneous chiral symmetry breaking and chiral magnetic effect in Weyl semimetals	BUIVIDOVICH, Pavel
15:35	The electro weak transition and the equation of state in the SU(2)-Higgs-model	GÜNTHER, Jana